

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-2. (Cancelled)

3. (Currently Amended) A fuel cell electricity-generating device comprising:

a fuel cell configured for generating electric power from a fuel and an oxidizer,

a fuel processor configured for producing the fuel to be supplied into the fuel cell from an electricity-generating material,

a combustion device configured for combusting a residual fuel gas unconsumed in the fuel cell to raise a temperature of the fuel processor, and

an electric power generation instructing means of determining the electric power generated by the fuel cell, the electric power generation instructing means comprising a computer processor programmed with software instructions configured to decrease the electric power generated by the fuel cell depending on in response to a decrease of load power to be supplied by the fuel cell, the computer processor being programmed with the software instructions electric power generation instructing means configured to decrease the electric power generated by the fuel cell at a rate depending on one of a) a change of the temperature of the fuel processor and b) the temperature of the fuel processor, wherein:

the electric power generation instructing means are configured to decrease the generated electric power at a first rate within a predetermined first limit while the temperature of the fuel processor is rising and at a second rate having no predetermined limit while the temperature of the fuel processor is not rising.

4. (Currently Amended) The fuel cell electricity-generating device according to claim 3claim 14 wherein the computer processor is programmed with the

~~software instructions electric power generation instructing means are configured to (1) execute a—the first power limitation mode of preventing the decrease of generated electric power when the temperature of the fuel processor is not lower than a—the first threshold value and (2) decrease the generated electric power at a rate having no predetermined limit when the temperature of the fuel processor is not higher than a second—the third threshold value, the second threshold value being lower than the first threshold value.~~

5. (Currently Amended) The fuel cell electricity-generating device according to ~~claim 4~~claim 14 wherein the computer processor is programmed with the ~~software instructions electric power generation instructing means are configured to~~ release the first power limitation mode when the electric power generation instructing means maintains or begins to raise the electric power generated by the fuel cell.

6. (Currently Amended) The fuel cell electricity-generating device according to ~~claim 3~~claim 14 wherein the computer processor is programmed with the ~~software instructions electric power generation instructing means are configured to~~ (1) execute a—the second power limitation mode of decreasing the generated electric power at a rate with a predetermined upper limit ~~when when~~ the temperature of the fuel processor is not lower than a—~~third~~the second threshold value, and (2) decrease the generated electric power at a rate that is not limited when the temperature of the fuel processor is not higher than a—~~fourth~~the third threshold value which is lower than the ~~third~~ threshold value.

7. (Currently Amended) The fuel cell electricity-generating device according to ~~claim 6~~claim 14 wherein the computer processor is programmed with the ~~software instructions electric power generation instructing means are configured to~~ release the second power limitation mode when the electric power generation instructing means maintains or begins to raise the electric power generated by the fuel cell.

8. (Currently Amended) The fuel cell electricity-generating device according to ~~claim 3~~claim 14 wherein the computer processor is programmed with the ~~software instructions electric power generation instructing means are configured to~~ execute (i) a—the first power limitation mode of preventing the decrease of generated

electric power when the temperature of the fuel processor is not lower than the first threshold value and (ii) ~~a—the second~~ power limitation mode of decreasing the generated electric power at a rate with a predetermined upper limit when the temperature of the fuel processor is not higher than the second threshold value, ~~which is lower than the first threshold value, wherein the rate at which the generated electric power is decreased is not limited when the temperature of the fuel processor is not higher than a fourth threshold value which is lower than the second threshold value~~

~~the electric power generation instructing means are configured to decrease the generated electric power at an unlimited rate when the temperature of the fuel processor is not higher than the third threshold value.~~

9. (Currently Amended) The fuel cell electricity-generating device according to claim 8 wherein the ~~computer processor is programmed with the software instructions~~ ~~electric power generation instructing means are configured~~ to release both of the first and second power limitation modes when the electric power generation instructing means maintains or begins to raise the electric power generated by the fuel cell.

10. (Withdrawn) A fuel cell electricity-generating method of generating electricity using a fuel cell comprising the steps of:

generating electric power in said fuel cell from a fuel and an oxidizer,

producing in a fuel processor a fuel to be supplied into said fuel cell from an electricity-generating material,

combusting a residual fuel gas unconsumed in said fuel cell to raise the temperature of said fuel processor, and

determining in an electric power generation instructing means the electric power generated by said fuel cell,

wherein there is provided a step of making the rate at which the generated electric power is decreased different depending on the change of the temperature of the fuel processor when said electric power generation instructing means decreases

the electric power generated by said fuel cell depending on the decrease of load power to be supplied.

11. (Withdrawn) A fuel cell electricity-generating method of generating electricity using a fuel cell comprising the steps of:

generating electric power in said fuel cell from a fuel and an oxidizer,

producing in a fuel processor a fuel to be supplied into said fuel cell from an electricity-generating material,

combusting a residual fuel gas unconsumed in said fuel cell to raise the temperature of said fuel processor, and

determining in an electric power generation instructing means the electric power generated by said fuel cell,

wherein there is provided a step of making the rate at which the generated electric power is decreased different depending on the temperature of the fuel processor when said electric power generation instructing means decreases the electric power generated by said fuel cell depending on the decrease of load power to be supplied.

12.-13. (Cancelled)

14. (New) A fuel cell electricity-generating device comprising:

a fuel cell configured for generating electric power from a fuel and an oxidizer,

a fuel processor configured for producing the fuel to be supplied into the fuel cell from an electricity-generating material,

a combustion device configured for combusting a residual fuel gas unconsumed in the fuel cell to raise a temperature of the fuel processor, and

an electric power generation instructing means of determining the electric power generated by the fuel cell, the electric power generation instructing means

Application No.: 10/500,274 MTS-3506US
Amendment Dated: January 22, 2009
Reply to Office Action of: September 24, 2008

configured to decrease the electric power generated by the fuel cell in response to a decrease of load power to be supplied by the fuel cell, the electric power generation instructing means configured to decrease the electric power generated by the fuel cell at a rate depending on the temperature of the fuel processor, wherein:

the electric power generation instructing means are configured to execute at least one of (a) a first power limitation mode of preventing the decrease of generated electric power when the temperature of the fuel processor is not lower than a first threshold value and (b) a second power limitation mode of decreasing the generated electric power at a rate having a predetermined upper limit when the temperature of the fuel processor is not higher than a second threshold value which is lower than the first threshold value, and

the electric power generation instructing means are configured to decrease the generated electric power at an unlimited rate when the temperature of the fuel processor is not higher than a third threshold value which is lower than the second threshold value.